Electronic A	cknowledgement Receipt	
EFS ID:	3163505	
Application Number:	10597482	
International Application Number:		
Confirmation Number:	1762	
Title of Invention:	IMPULSE NOISE MANAGEMENT	
First Named Inventor/Applicant Name:	Marcos C. Tzannes	
Customer Number:	62574	
Filer:	Jason Vick/Debra Kesner	
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Attorney Docket Number:	T3653-8993US01	
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Application Type:	U.S. National Stage under 35 USC 371	

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement	IDS 02.pdf	780707	no no	4
' (IDS) Filed	150_02.pai	<b>63d0d3f6afe00</b> faca770402b07187f472 2c0974f		· 	

### Warnings:

### Information:

2	NPL Documents	5550-52-PCT_Search_Repo	180622	no	4
2 NPL Documents	rt.pdf	c20f2175ed842eae20f2a5bd305b04b5 cf475f36	no	4	
Warnings:					
Information	1:				
3 NPL Documents	5550-52-PCT_Written_Opini on.pdf	540982	no	12	
		786ea01dd7a5498895f8af6952ab967ff 95e62a9			
Warnings:					
Information	n:				
4 NPL Documents	5550-52-PCT_IPRP.pdf	581051	no	13	
		48d59f8a389a4056f5be7e30d0a6d9d0 771f5127			
Warnings:			<del>-</del>		
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		Total Files Size (in bytes)	20	83362	

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.